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**To:** [Mebust, Anna](mailto:Mebust, Anna); [Kwong, Jenette@ARB](mailto:Kwong, Jenette@ARB); [jin.xu@arb.ca.gov](mailto:jin.xu@arb.ca.gov); [Najita, Theresa@ARB](mailto:Najita, Theresa@ARB)  
**Cc:** [Yoshimura, Gwen](mailto:Yoshimura, Gwen); [Vallano, Dena](mailto:Vallano, Dena)  
**Subject:** RE: Q/D for Tuscan Buttes missing from 2018 demo  
**Date:** Monday, September 27, 2021 12:37:25 PM

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Hi Anna,

Thank you for bringing this to our attention, it was certainly an accidental exclusion. I agree that waiting on an addendum until we know what else might be necessary would be best so that it can all be addressed in 1 submission.

Please find what should have been included for Tuscan Buttes as follows:

In Table 4-X, the Effective Q/D value at Tuscan Buttes was elevated for all dates being requested for exclusion and all dates exceeded the required Q/D criteria threshold value 100 except for the last day in the event period, August 10, 2018, which had an elevated Effective Q/D of 78. All requested dates except August 10, 2018 qualify directly under the requirements for Tier 2 – Key factor #1. Additionally, enhanced wildfire impacts for August 10, 2018 are also considered qualifying due to occurring at the end of a prolonged event when wildfire emissions are decreasing but remain elevated while residual local effects continue to impact ozone concentrations at the monitor.

Table 4-X

Date	Exclusion Request	Daily Q/D	Dates Included	Effective Q/D	Rationale
7/25/2018		97.667	7/25	97.667	Smoke from nearby Carr Fire.
7/26/2018		593.96	7/25-7/26	691.627	Extremely heavy smoke from nearby Carr Fire.
7/27/2018	Yes	361.11	7/25-7/27	1052.737	Heavy smoke from nearby Carr Fire. Mendocino Complex fires start today, but do not impact site yet.
7/28/2018		165.44	7/26-7/28	1120.51	Extremely heavy smoke from Carr Fire and Mendocino Complex (Ranch and River) Fires.
7/29/2018		143.32	7/27-7/29	669.87	Very dense smoke buildup near surface with heavy smoke also aloft.
7/30/2018		143.71	7/28-7/30	452.47	Very dense smoke buildup near surface with heavy smoke also aloft.
7/31/2018	Yes	132.24	7/29-7/31	419.27	Heavy smoke across northern Sacramento Valley.
8/1/2018	Yes	69.181	7/30-8/1	345.131	Heavy smoke across northern Sacramento Valley.
8/2/2018	Yes	86.236	8/1-8/2	155.417	Smoke appears partially cleared out by satellite imagery. Ample smoke and transport from smoky areas.
8/3/2018	Yes	77.298	8/2-8/3	163.534	Smoke across northern Sacramento Valley. Moderate smoke buildup plus ample smoke from Carr Fire.
8/4/2018		61.277	8/3-8/4	138.575	Smoke across northern Sacramento Valley. Moderate smoke buildup plus ample smoke from Carr Fire.
8/5/2018		58.583	8/3-8/5	197.158	Smoke across northern Sacramento Valley. Dense smoke buildup plus transport from Mendocino Complex.
8/6/2018		70.181	8/4-8/6	190.041	Smoke across northern Sacramento Valley. Dense smoke buildup plus transport from Carr Fire.
8/7/2018	Yes	63.794	8/5-8/7	192.558	Heavy smoke across northern Sacramento Valley. Dense smoke buildup plus fresh transport from Carr Fire.
8/8/2018	Yes	63.072	8/7-8/8	126.866	Heavy smoke across northern Sacramento Valley. Moderate smoke buildup and some fresh transport from Mendocino Complex.
8/9/2018	Yes	50.328	8/7-8/9	177.194	Heavy smoke across northern Sacramento Valley. Moderate smoke buildup and some fresh transport from Carr and Mendocino Complex, likely even some from Donnell Fire.
8/10/2018	Yes	28.222	8/9-8/10	78.55	Smoke across northern Sacramento Valley. Ample smoke and fresh transport from Mendocino Complex.

Best regards,  
Matthew Densberger

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**From:** Mebust, Anna <Mebust.Anna@epa.gov>

**Sent:** Monday, September 27, 2021 11:28 AM

**To:** Densberger, Matthew@ARB <Matthew.Densberger@arb.ca.gov>; Kwong, Jenette@ARB <jenette.kwong@arb.ca.gov>; Xu, Jin@ARB <jin.xu@arb.ca.gov>; Najita, Theresa@ARB <theresa.najita@arb.ca.gov>

**Cc:** Yoshimura, Gwen <Yoshimura.Gwen@epa.gov>; Vallano, Dena <Vallano.Dena@epa.gov>

**Subject:** Q/D for Tuscan Buttes missing from 2018 demo

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Hi CARB EE folks,

We just had our first check in with reviewers and it was noted that it appears that the Q/D table for Tuscan Buttes is missing from the 2018 demonstration. I am assuming this was an accidental exclusion.

Do you have a copy of the table you can share with us now? We could then pass it along to our reviewer so they can use it during the review process.

Ultimately we probably want to discuss a formal addendum submission and whether a public comment period is needed (it may be best to hold off on submitting a formal addendum until we are confident that there is nothing else we need).

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